Alexander Cohen

Full Stack Web Developer

Extensive experience creating, testing, and maintaining web applications. Passionate towards software architecture and design with a particular inclination to providing high quality solutions to businesses.















III Adaptive



Nov 2020 - Current



Montreal, QC



Java Spring, Kafka, Typescript React/Angular Postgresql, Redis

- Collaborated with clients across several domains in the fields of pharmaceuticals and medicine as a part of an independent consulting team.
- Developed/maintained large real-time pharmaceutical web applications achieving high throughput using an eventdriven microservices architecture.
- Developed frontend applications using React/NextJs framework while managing state using Redux.
- Redesigned large monolith applications into a microservice architecture.
- Transferred legacy systems into modern frameworks providing significant improvements in scalability/performance
- Furthermore reduced infrastructure costs by deploying applications from traditional mainframes to flexible cloudbased applications.
- Re-designed traditional monolith systems into a more scalable, performant microservice architecture.

TECHNICAL SKILLS

LANGUAGES







TS Typescript



Python

FRAMEWORKS

Frontend





Angular

Backend



Spring Boot



NodelS



DATABASES



Postgres



MongoDB



Redis

TECHNOLOGIES



Docker





Kubernetes



Bash

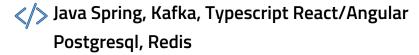


Full Stack Developer



Sept 2019 - Nov 2020





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PARADIGMS



REST



Event Sourcing



Microservices



CI/CD

SOFT SKILLS



Bilingual Eng/Fr



Excellent Team Player



Creative Problem Solver



Time Management



Concordia University BSc. Computer Science Class of 2020

Awardee, School Bursary





MonoLink Music Project - Team Project



Github Repo



Typescript React, NodeJS, MongoDB

- Coordinated with team members to develop a front-end system
- for an enhanced user experience.
- Set up user authentication (Sign In/ Sign Up) system.
- Migrated password database to Firebase for enhanced security,
- as well as to simplify ease of use for data management.
- Set up routes for authentication, searching, filtering, etc.
- Extracted information from the provided URL to search the respective APIs.
- Worked alongside team members to develop front-end system.



Ecommerce Platform - Team Lead of 12



Github Repo





</> Typescript React, NodeJS, MongoDB

- Coordinated with team members to plan, develop, test and present the platform.
- Established development teams and assigned members to individual teams based on aptitudes/skills and personalities.
- Provided structure to the development process using Agile workflow.
- Spearheaded weekly meetings with teams to monitor progress, as well as help resolve any issues during the development process.
- Assisted members in facing challenges during development by coordinating work tasks for each team
- managing conflicting workflows, and providing solutions to any technical problems.

PARADIGMS



REST



Event Sourcing



Microservices



CI/CD





又 Bilingual Eng/Fr



Excellent Team Player



Creative Problem Solver



Time Management



EDUCATION



Concordia University BSc. Computer Science

Class of 2020

Awardee, School Bursary

- Ensuring deadlines for project goals are met in a timely matter on an individual basis.
- Monitoring team member progress to assist in meeting project goals.
- Implemented project monitoring using Trello work process.